

IDS

(12) UK Patent Application (19) GB (11) 2 241 850 (13) A  
(43) Date of A publication 11.09.1991

(21) Application No 8005197.0

(22) Date of filing 08.03.1990

(71) Applicant

The Marconi Company Limited

(Incorporated in the United Kingdom)

The Grove, Warren Lane, Stanmore, Middlesex,  
HA7 4LY, United Kingdom

(72) Inventor

Barry Gordon West

(74) Agent and/or Address for Service

R.K. Tolfree

GEC Patent Department (Chelmsford Office),  
GEC-Marconi Research Centre, West Hanningfield  
Road, Great Baddow, Essex, CM2 8HN,  
United Kingdom

(51) INT CL<sup>a</sup>

H04Q 7/04

(52) UK CL (Edition K)

H4K KYR

(56) Documents cited

GB 2208774 A GB 2014827 A EP 0280543 A2  
EP 0210811 A2

(58) Field of search

UK CL (Edition J) H4K KYA KYR, H4L LDPX LDSD,  
H4M MTX1 MTX2 MTX3  
INT CL<sup>a</sup> H04J 3/00, H04Q 7/00 7/02  
Online databases : WPI

(54) Signal transmission system

(57) A communications link is established between first and third stations via an intermediate second station, using time multiplexing. Each transmission, from first to second, second to first, second to third, third to second, takes place in a different time slot so that receiver performance is not degraded by strong signals from local transmitters. As described the system comprises a vehicle mounted cellular radio telephone with a cordless portable handset which can be used away from the vehicle. The transmission frequencies also differ.

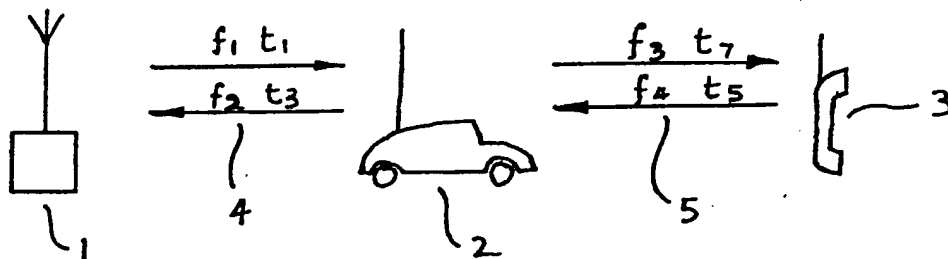


Fig 2

GB 2 241 850 A